## **Pension Benefit Guaranty Corporation**

(i) The expected retirement age, as determined under §§ 4044.55 through 4044.57, of the participant with respect to whom the benefit is payable, or

(ii) The valuation date.

### § 4044.52 Valuation of benefits.

The plan administrator shall value all benefits as of the valuation date by—

- (a) Using the mortality assumptions prescribed by \$4044.53 and the interest assumptions prescribed in appendix B to this part;
- (b) Using interpolation methods, where necessary, at least as accurate as linear interpolation;
- (c) Using valuation formulas that accord with generally accepted actuarial principles and practices;
- (d) Taking mortality into account during the deferral period of a deferred joint and survivor benefit only with respect to the participant (or other principal annuitant); and
- (e) Adjusting the values to reflect loading expenses in accordance with appendix C to this part.

[65 FR 14753, Mar. 17, 2000]

### § 4044.53 Mortality assumptions.

- (a) General rule. Subject to paragraph (b) of this section (regarding certain death benefits), the plan administrator shall use the mortality factors prescribed in paragraphs (c), (d), and (e) of this section to value benefits under § 4044.52.
- (b) Certain death benefits. If an annuity for one person is in pay status on the valuation date, and if the payment of a death benefit after the valuation date to another person, who need not be identifiable on the valuation date, depends in whole or in part on the death of the pay status annuitant, then the plan administrator shall value the death benefit using—
- (1) The mortality rates that are applicable to the annuity in pay status under this section to represent the mortality of the pay status annuitant; and
- (2) The mortality rates applicable to annuities not in pay status and to deferred benefits other than annuities, under paragraph (c) of this section, to represent the mortality of the death beneficiary.

- (c) Mortality rates for healthy lives. The mortality rates applicable to annuities in pay status on the valuation date that are not being received as disability benefits, to annuities not in pay status on the valuation date, and to deferred benefits other than annuities, are—
- (1) For male participants, the rates in Table 1 of appendix A to this part, and
- (2) For female participants, the rates in Table 1 of appendix A to this part, set back 6 years.
- (d) Mortality rates for disabled lives (other than Social Security disability). The mortality rates applicable to annuities in pay status on the valuation date that are being received as disability benefits and for which neither eligibility for, nor receipt of, Social Security disability benefits is a prerequisite, are—
- (1) For male participants, the rates in Table 1 of appendix A to this part, set forward 3 years, and
- (2) For female participants, the rates in Table 1 of appendix A to this part, set back 3 years.
- (e) Mortality rates for disabled lives (Social Security disability). The mortality rates applicable to annuities in pay status on the valuation date that are being received as disability benefits and for which either eligibility for, or receipt of, Social Security disability benefits is a prerequisite, are the rates in Tables 2–M and 2–F of appendix A to this part.

[61 FR 34059, July 1, 1996, as amended at 65 FR 14753, Mar. 17, 2000]

### § 4044.54 [Reserved]

EXPECTED RETIREMENT AGE

# § 4044.55 XRA when a participant must retire to receive a benefit.

(a) Applicability. Except as provided in §4044.57, the plan administrator shall determine the XRA under this section when plan provisions or established plan practice require a participant to retire from his or her job to begin receiving an early retirement benefit.

#### § 4044.56

- (b) Data needed. The plan administrator shall determine for each participant who is entitled to an early retirement benefit—
- (1) The amount of the participant's monthly benefit payable at unreduced retirement age in the normal form payable under the terms of the plan or in the form validly elected by the participant before the termination date;
- (2) The calendar year in which the participant reaches unreduced retirement age ("URA");
  - (3) The participant's URA; and
- (4) The participant's earliest retirement age at the valuation date.
- (c) Procedure. (1) The plan administrator shall determine whether a participant is in the high, medium or low retirement rate category using the applicable Selection of Retirement Rate Category Table in appendix D, based on the participant's benefit determined under paragraph (b)(1) of this section and the year in which the participant reaches URA.
- (2) Based on the retirement rate category determined under paragraph (c)(1), the plan administrator shall determine the XRA from Table II–A, II–B or II–C, as appropriate, by using the participant's URA and earliest retirement age at valuation date.

# § 4044.56 XRA when a participant need not retire to receive a benefit.

- (a) Applicability. Except as provided in §4044.57, the plan administrator shall determine the XRA under this section when plan provisions or established plan practice do not require a participant to retire from his or her job to begin receiving his or her early retirement benefit.
- (b) Data needed. The plan administrator shall determine for each participant—
  - (1) The participant's URA; and
- (2) The participant's earliest retirement age at valuation date.
- (c) Procedure. Participants in this case are always assigned to the high retirement rate category and therefore the plan administrator shall use Table II-C of appendix D to determine the XRA. The plan administrator shall determine the XRA from Table II-C by using the participant's URA and ear-

liest retirement age at termination date.

# § 4044.57 Special rule for facility closing.

- (a) Applicability. The plan administrator shall determine the XRA under this section, rather than §4044.55 or §4044.56, when both the conditions set forth in paragraphs (a)(1) and (a)(2) of this section exist.
- (1) The facility at which the participant is or was employed permanently closed within one year before the valuation date, or is in the process of being permanently closed on the valuation date.
- (2) The participant left employment at the facility less than one year before the valuation date or was still employed at the facility on the valuation date
- (b) XRA. The XRA is equal to the earliest retirement age at valuation date.

#### NON-TRUSTEED PLANS

# \$4044.71 Valuation of annuity benefits.

The value of a benefit which is to be paid as an annuity is the cost of purchasing the annuity on the date of distribution from an insurer under the qualifying bid.

#### § 4044.72 Form of annuity to be valued.

- (a) When both the participant and beneficiary are alive on the date of distribution, the form of annuity to be valued is—
- (1) For a participant or beneficiary already receiving a monthly benefit, that form which is being received, or
- (2) For a participant or beneficiary not receiving a monthly benefit, the normal annuity form payable under the plan or the optional form for which the participant has made a valid election pursuant to §2617.4(c) of this chapter. (See Note at beginning of part 4044.)
- (b) When the participant dies after the date of plan termination but before the date of distribution, the form of annuity to be valued is determined under paragraph (b)(1) or (b)(2) of this section:
- (1) For a participant who was entitled to a deferred annuity—